

PTO/SB/17 (08-00)
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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<h1 style="margin:0;">FEE TRANSMITTAL</h1> <p style="font-size: small; margin: 5px 0;">Patent fees are subject to annual revision.</p> <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 10px auto;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">OFFICE OF THE COMMISSIONER OF PATENT AND TRADEMARK OFFICE</div> <div style="text-align: center;">OCT 15 2004</div> </div>		Complete If Known																																																																																																																																																																																															
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		First Named Inventor	Jong-Seo CHOI et al.																																																																																																																																																																																														
		Examiner Name	Quarterman, Kevin J.																																																																																																																																																																																														
		Group/Art Unit	2879																																																																																																																																																																																														
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METHOD OF PAYMENT (check one) 1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any deficiency and credit any over payments to: Deposit Account Number: <u>02-4943</u> Deposit Account Number: _____ <input type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		FEE CALCULATION (continued) 3. ADDITIONAL FEES																																																																																																																																																																																															
2. <input checked="" type="checkbox"/> Payment Enclosed: (CHECK #48215) <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge-late filing fee or oath</td><td>\$</td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td>\$</td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td>\$</td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for reexamination</td><td>\$</td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td>\$</td></tr> <tr><td>1805</td><td>1,840 *</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td>\$</td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td>\$</td></tr> <tr><td>1252</td><td>430</td><td>2252</td><td>215</td><td>Extension for reply within second month</td><td>\$</td></tr> <tr><td>1253</td><td>980</td><td>2253</td><td>490</td><td>Extension for reply within third month</td><td>\$</td></tr> <tr><td>1254</td><td>1,530</td><td>2254</td><td>765</td><td>Extension for reply within fourth month</td><td>\$</td></tr> <tr><td>1255</td><td>2,080</td><td>2255</td><td>1,040</td><td>Extension for reply within fifth month</td><td>\$</td></tr> <tr><td>1401</td><td>340</td><td>2401</td><td>170</td><td>Notice of Appeal</td><td>\$</td></tr> <tr><td>1402</td><td>340</td><td>2402</td><td>170</td><td>Filing a brief in support of an appeal</td><td>\$</td></tr> <tr><td>1403</td><td>300</td><td>2403</td><td>150</td><td>Request for oral hearing</td><td>\$</td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td>\$</td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - 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PATENT
P56533

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JONG-SEO CHOI *et al.*

Serial No.: 09/964,375

Examiner: QUARTERMAN, KEVIN J.

Filed: 28 September 2001

Art Unit: 2879

For: CATHODE FOR ELECTRON TUBE HAVING NEEDLE-SHAPED
CONDUCTIVE MATERIAL AND METHOD OF PREPARING THE
CATHODE (as amended)

AMENDMENT

Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the third, non-final Office action mailed on 23 July 2004 (Paper No. 0504), entry of the following amendments and remarks, re-examination and reconsideration are respectfully requested.

Folio: P56533
Date: 10/15/04
I.D.: REB/JGS/kf

10/18/2004 SSESHE1 00000036 09964375
01 FC:1201 440.00 DP